

FORM HDP-1449 (Based on Form PTO-1449)

ATTORNEY DOCKET NO.

SERIAL NO.

6978-000285

10/696,944

PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Joseph G. Mueller

FILING DATE

10/30/03

GROUP

3681

Not Yet Assigned

Sheet 1 of 2

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|---------|-------------------|---------------------------|------------------------------|
| 1. | MC | 4805486 | 02/1989 | Hagiwara et al. | 475/231 | |
| 2. | MC | 4895236 | 01/1990 | Sakakibara et al. | 475/846 192 | |
| 3. | MC | 4950214 | 08/1990 | Botterill | 475/231 | |
| 4. | MC | 5007886 | 04/1991 | Holmquist et al. | 475/231 | |
| 5. | MC | 5080640 | 01/1992 | Botterill | 475/231 | |
| 6. | MC | 5323871 | 06/1994 | Wilson et al. | 180/197 | |
| 7. | MC | 5352164 | 10/1994 | Bensinger et al. | 475/223 | |
| 8. | MC | 5407024 | 04/1995 | Watson et al. | 180/248 | |
| 9. | MC | 5423235 | 06/1995 | Botterill et al. | 74/665GA | |
| 10. | MC | 5520590 | 05/1996 | Showalter et al. | 475/295 | |
| 11. | MC | 6173624 | 01/2001 | Decker | 74/473.37 | |
| 12. | MC | 6203465 | 03/2001 | Showalter | 475/204 | |
| 13. | MC | 6230577 | 05/2001 | Showalter et al. | 74/337.5 | |
| 14. | MC | 6296590 | 10/2001 | Gassmann | 475/231 | |
| 15. | MC | 6367344 | 04/2002 | Vogt et al. | 74/335 | |
| 16. | MC | 6398686 | 06/2002 | Irwin | 475/150 | |
| 17. | MC | 6405822 | 06/2002 | Lee | 180/251 | |
| 18. | MC | 6484857 | 11/2002 | Vonnegut et al. | 192/35 | |
| 19. | MC | 6503167 | 01/2003 | Sturm | 475/231 | |
| 20. | MC | 6568519 | 05/2003 | Lovatt | 192/56.6 | |
| 21. | MC | 20030192401 | 10/2003 | Thomas et al. | 74/665GA | |

Examiner:

Kevin E. Adams

Date Considered: Feb. 4, 2005

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 1

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FOREIGN PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes No | |
|----------------|------------------------|--------------------|---------|---------|--------------------|-----------------------|---|
| 1. | <i>ML</i> | DE3908478A1 | 10/1989 | Germany | <u> </u> | | X |
| 2. | <i>ML</i> | JP3-66927 | 3/1999 | Japan | <u> </u> | X | |
| 3. | <i>ML</i> | JP2-18117 | 01/1990 | Japan | <u> </u> | | X |

Examiner:

Sherry R. Kramarz

Date Considered:

Feb. 4, 2005

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~~3611~~ 3621**U.S. PATENT DOCUMENTS**

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|----------------|------------------------|--------------------|---------|-----------------|--------------------|---------------------------------|
| 1. | <i>ME</i> | 6783475 | 08/2004 | Gazyakan et al. | 475/210 | |
| 2. | <i>ME</i> | 6802794 | 10/2004 | Showalter | 475/269 | |

Examiner:

Henry R. Strensky

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